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PATENT ABSTRACTS OF JAPAN

(21) Application number: **63327005**(51) Intl. Cl.: **B25F 5/00**(22) Application date: **23.12.88**(30) Priority: **26.01.88 JP 363 1506**(71) Applicant: **MATSUSHITA ELECTRICAL LTD**(43) Date of application publication: **13.11.89**(72) Inventor: **SAKAMOTO YOSHIHIRA, OKADA KIICHI**

(84) Designated contracting states:

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(54) BATTERY OPERATED ELECTRIC TOOL

(57) Abstract:

PURPOSE: To prevent the slip-down of a battery pack out of the main body by an impact load by projecting the column inserted into the part to be guided of the battery pack from the main body, forming the battery pack storing space between this column and the main body and providing the hook holding the battery pack on the main body separately from this column.

CONSTITUTION: In case of fitting a battery pack 6 the projecting part 60 of the battery pack 6 upper end is inserted into the recessed part 17 of the main body housing 1 and a column 7 is also inserted into the part 62 to be guided. As a result, the locking projection 81 on a hook 8 is engaged with the lower face of the projection 63 after its slipping along the inclined face of the projection 63 upper end of the battery pack 6 and the assembly of the battery pack 6

onto the main body housing 1 is made. The loads in all directions of the battery pack 6 are supported by the column 7 and the load in the rear part thereof is supported by the front face of a handle part 16 and that in the lower part is supported by the hook 8. Consequently the hold of the battery pack 6 can surely be performed.

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